

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019249.D
 Acq On : 03 Nov 2020 21:31
 Operator : JC/MD
 Sample : L4605-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CRT-01

Quant Time: Nov 04 02:55:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

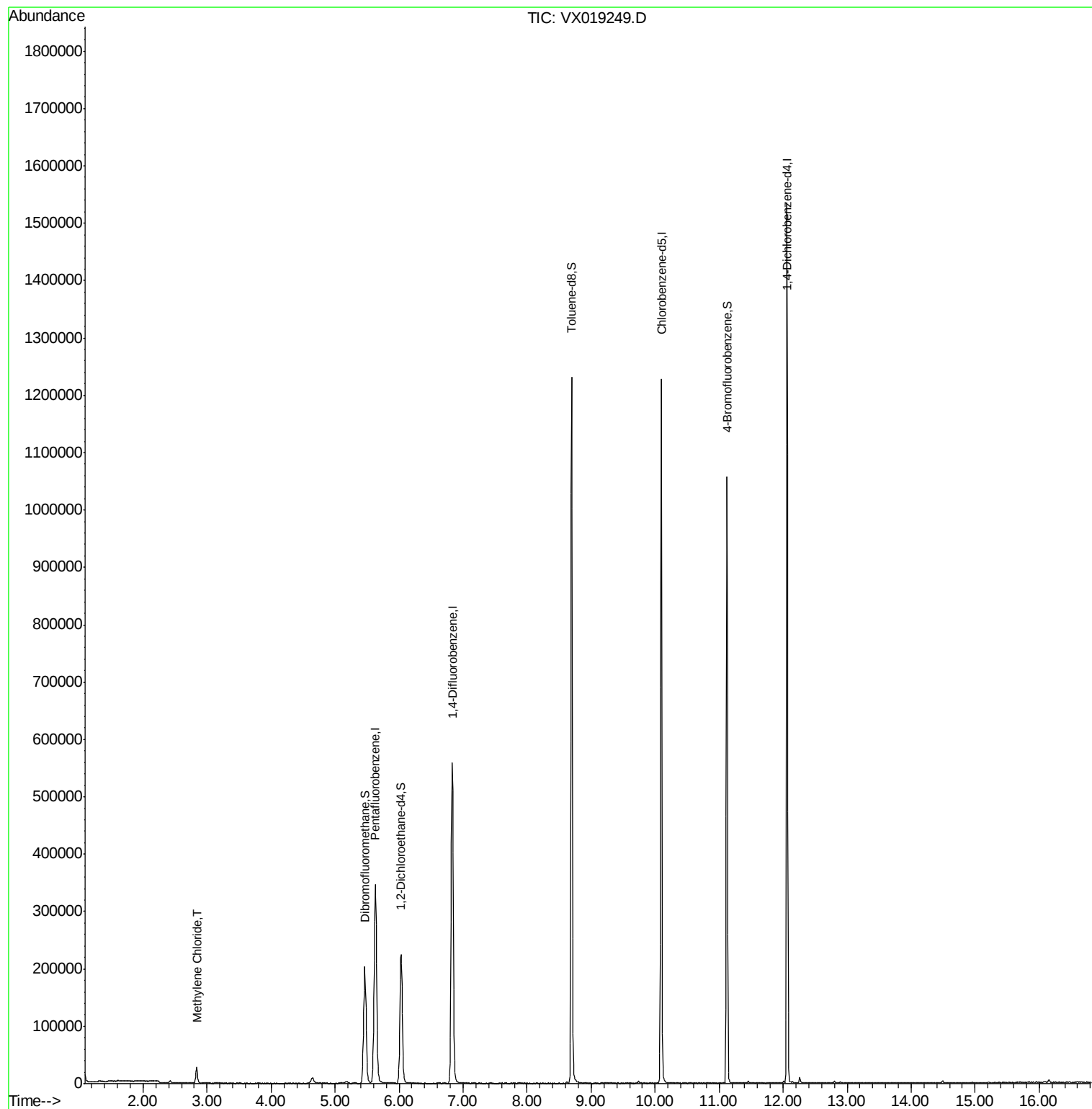
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	320205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	569488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	561466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	293394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	217604	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
35) Dibromofluoromethane	5.46	113	174104	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	8.70	98	728203	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	
62) 4-Bromofluorobenzene	11.12	95	280290	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
Target Compounds						
20) Methylene Chloride	2.84	84	13073	3.655	ug/l	Qvalue 98

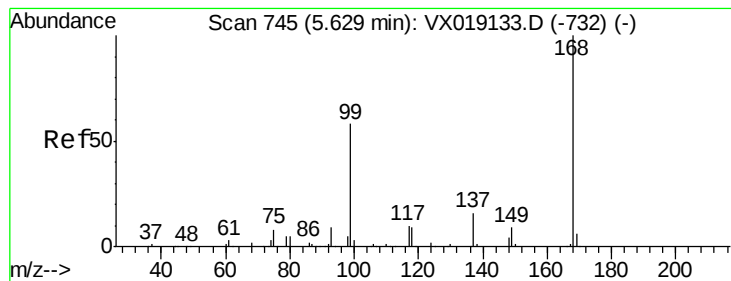
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019249.D

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Instrument :

MSVOA_X

ClientSampleId :

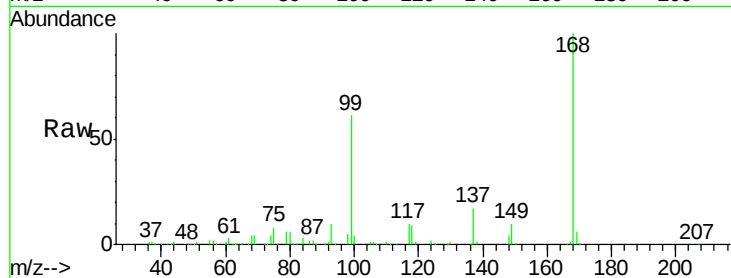
CRT-01

Tot Ion:168 Resp: 320205

Ion Ratio Lower Upper

168 100

99 61.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

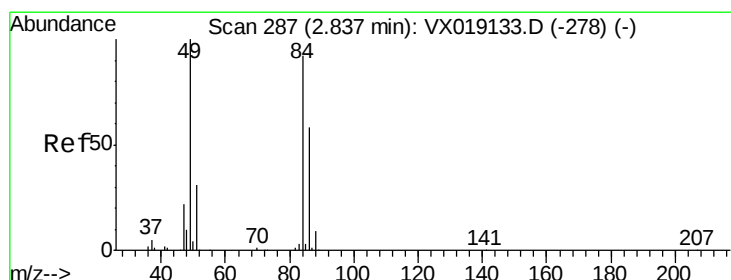
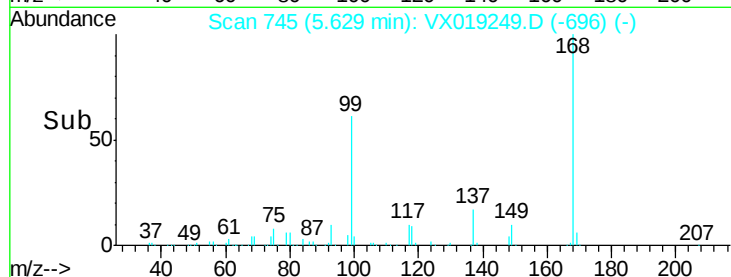
5.63

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.655 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX019249.D

Acq: 03 Nov 2020 21:31

Tgt Ion: 84 Resp: 13073

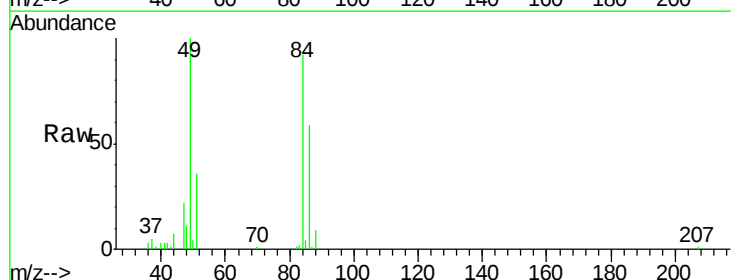
Ion Ratio Lower Upper

84 100

49 109.2 86.8 130.2

51 38.9 27.3 40.9

86 64.1 50.6 76.0



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2.84

12000

10000

8000

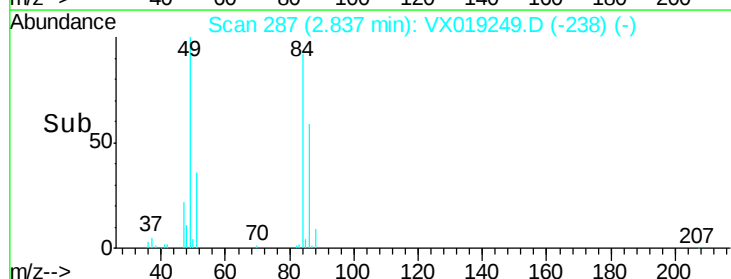
6000

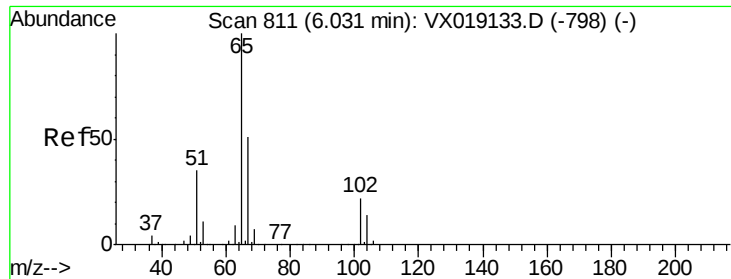
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.696 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019249.D

Acq: 03 Nov 2020 21:31

Instrument :

MSVOA_X

ClientSampleId :

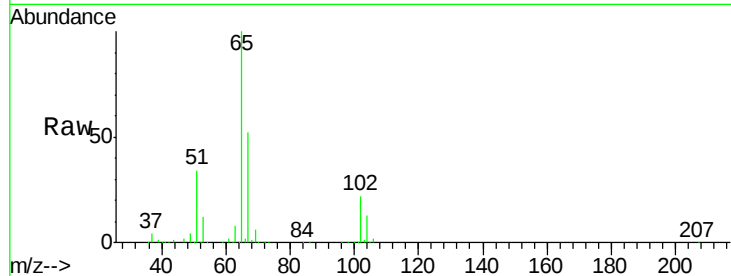
CRT-01

Tot Ion: 65 Resp: 217604

Ion Ratio Lower Upper

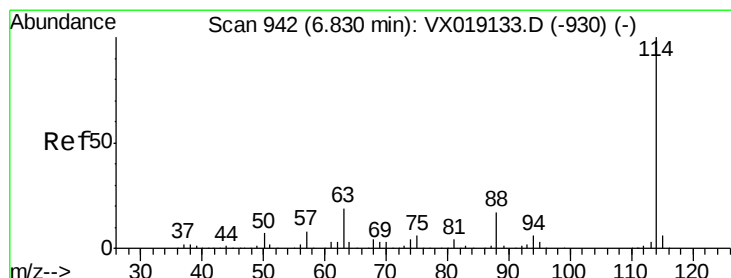
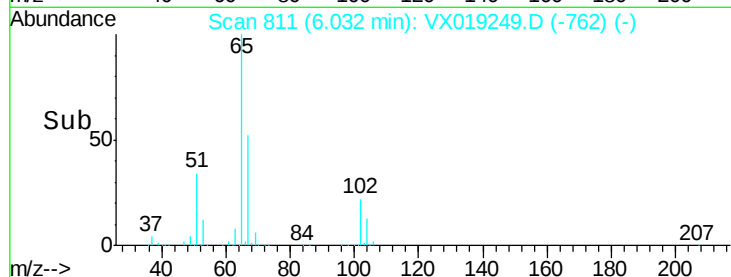
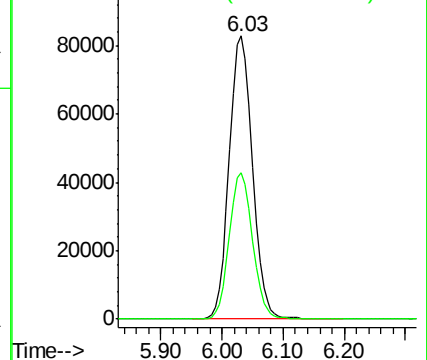
65 100

67 51.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019249.D

Acq: 03 Nov 2020 21:31

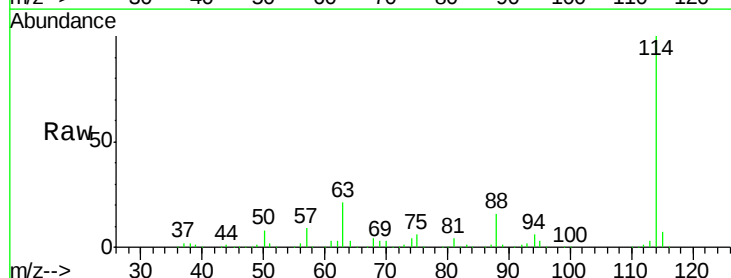
Tgt Ion: 114 Resp: 569488

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.8

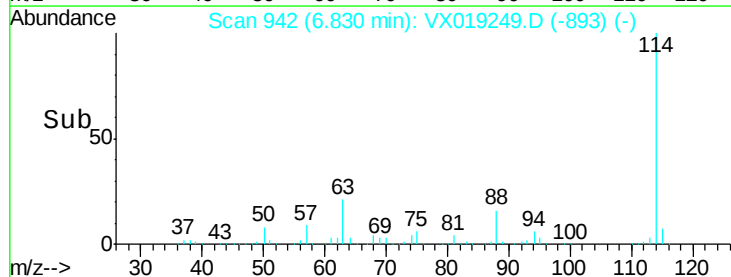
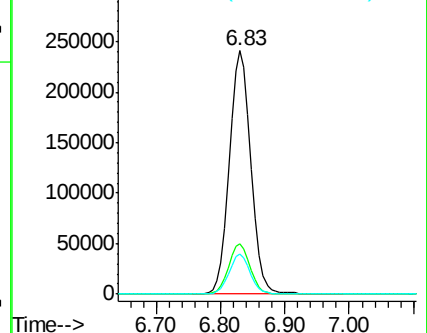
88 16.4 0.0 34.2

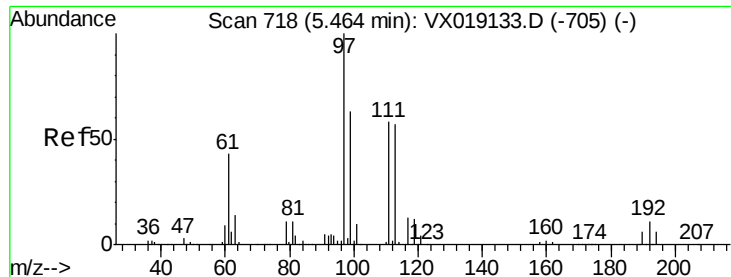


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

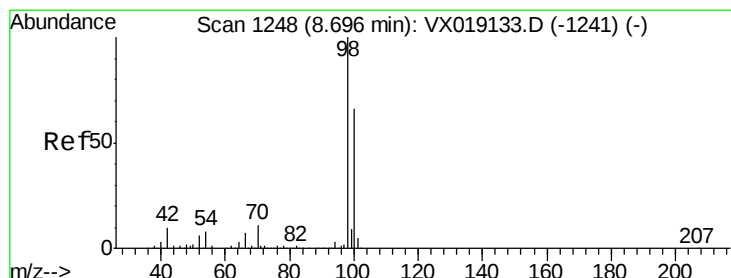
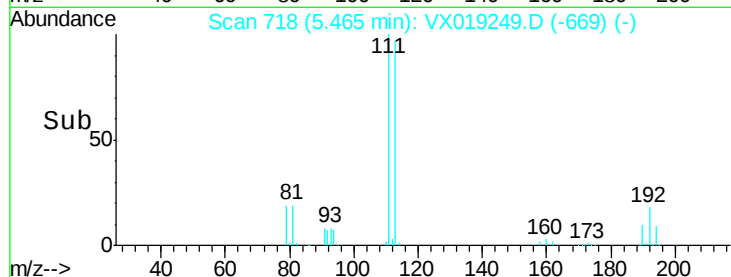
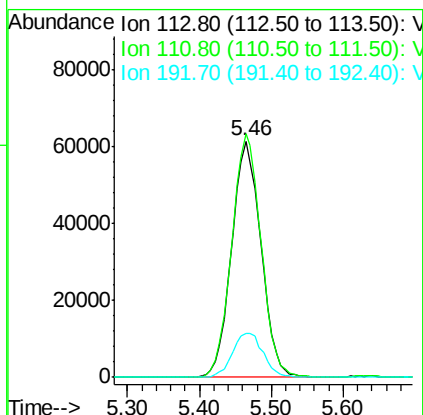
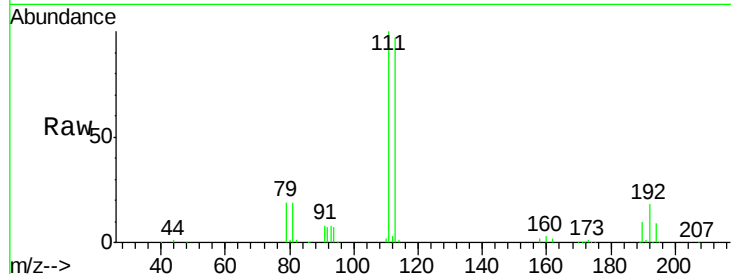




#35
 Dibromofluoromethane
 Concen: 48.671 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX019249.D
 Acq: 03 Nov 2020 21:31

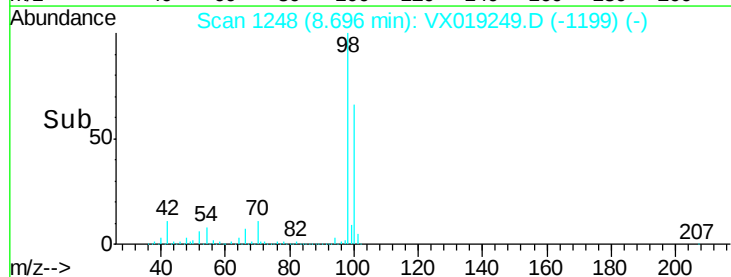
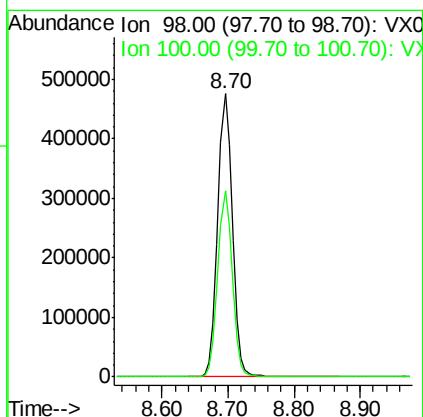
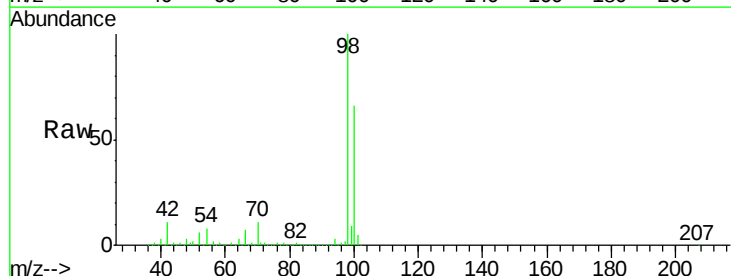
Instrument :
 MSVOA_X
 ClientSampleId :
 CRT-01

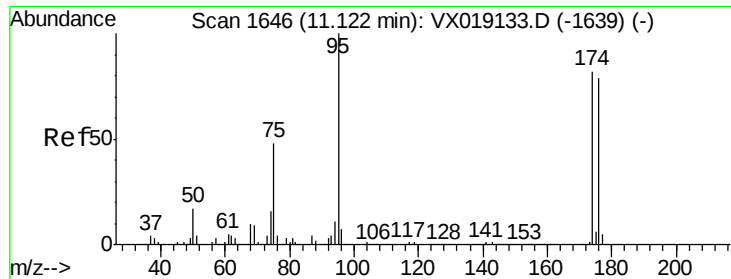
Tot Ion:113 Resp: 174104
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.3 123.5
 192 19.4 16.2 24.2



#50
 Toluene-d8
 Concen: 54.002 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019249.D
 Acq: 03 Nov 2020 21:31

Tgt Ion: 98 Resp: 728203
 Ion Ratio Lower Upper
 98 100
 100 65.1 53.0 79.6

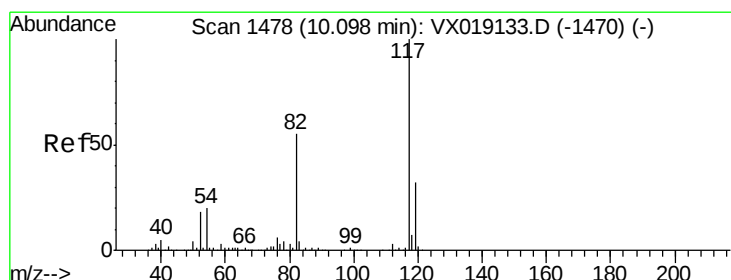
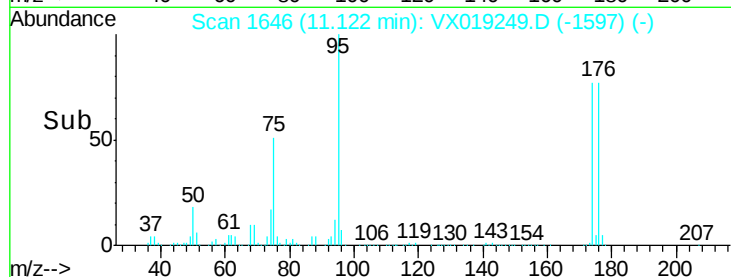
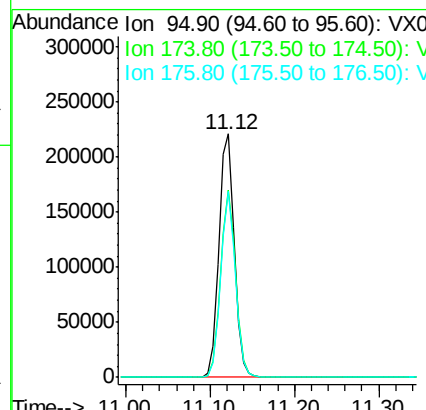
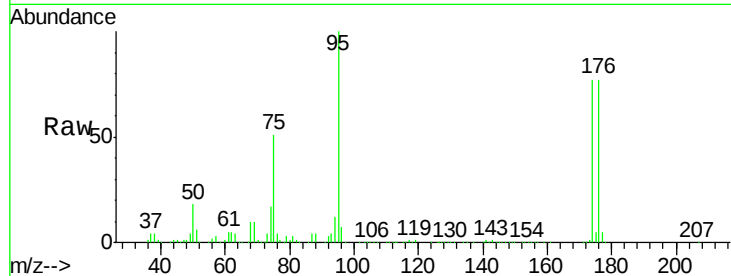




#62
4-Bromofluorobenzene
Concen: 54.886 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019249.D
Acq: 03 Nov 2020 21:31

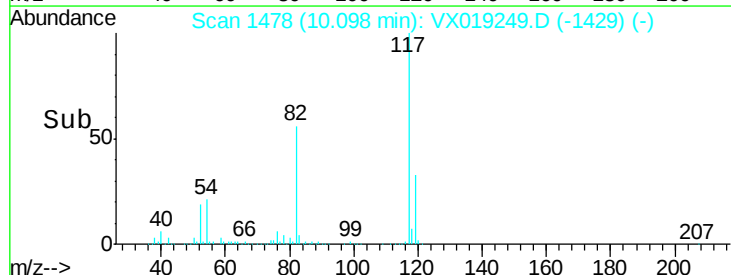
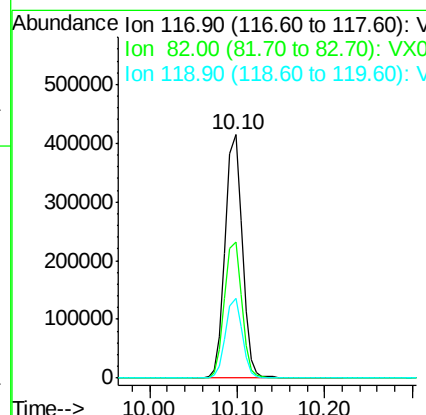
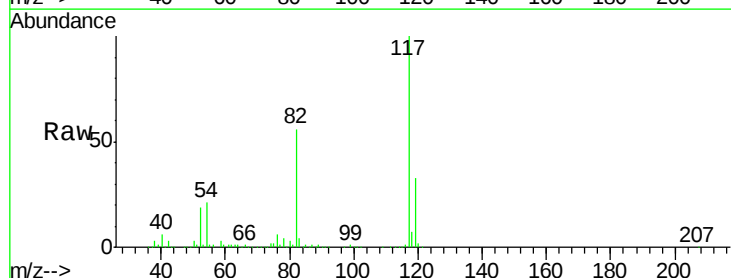
Instrument :
MSVOA_X
ClientSampleId :
CRT-01

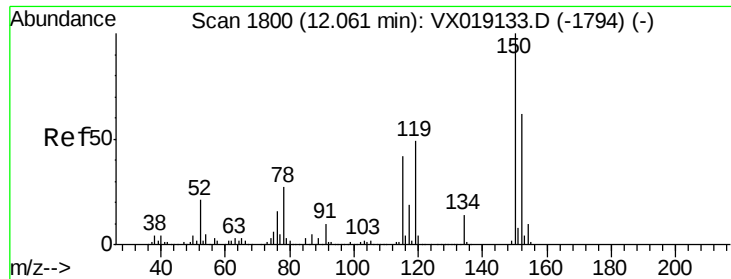
Tot Ion: 95 Resp: 280290
Ion Ratio Lower Upper
95 100
174 75.3 0.0 156.0
176 73.4 0.0 149.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019249.D
Acq: 03 Nov 2020 21:31

Tgt Ion: 117 Resp: 561466
Ion Ratio Lower Upper
117 100
82 55.7 43.6 65.4
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019249.D

Acq: 03 Nov 2020 21:31

Instrument :

MSVOA_X

ClientSampleId :

CRT-01

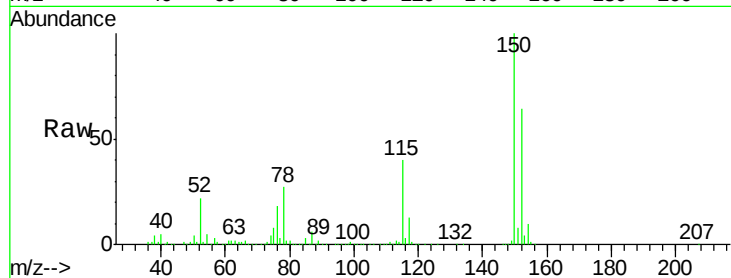
Tot Ion:152 Resp: 293394

Ion Ratio Lower Upper

152 100

115 61.2 41.9 125.7

150 156.0 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

